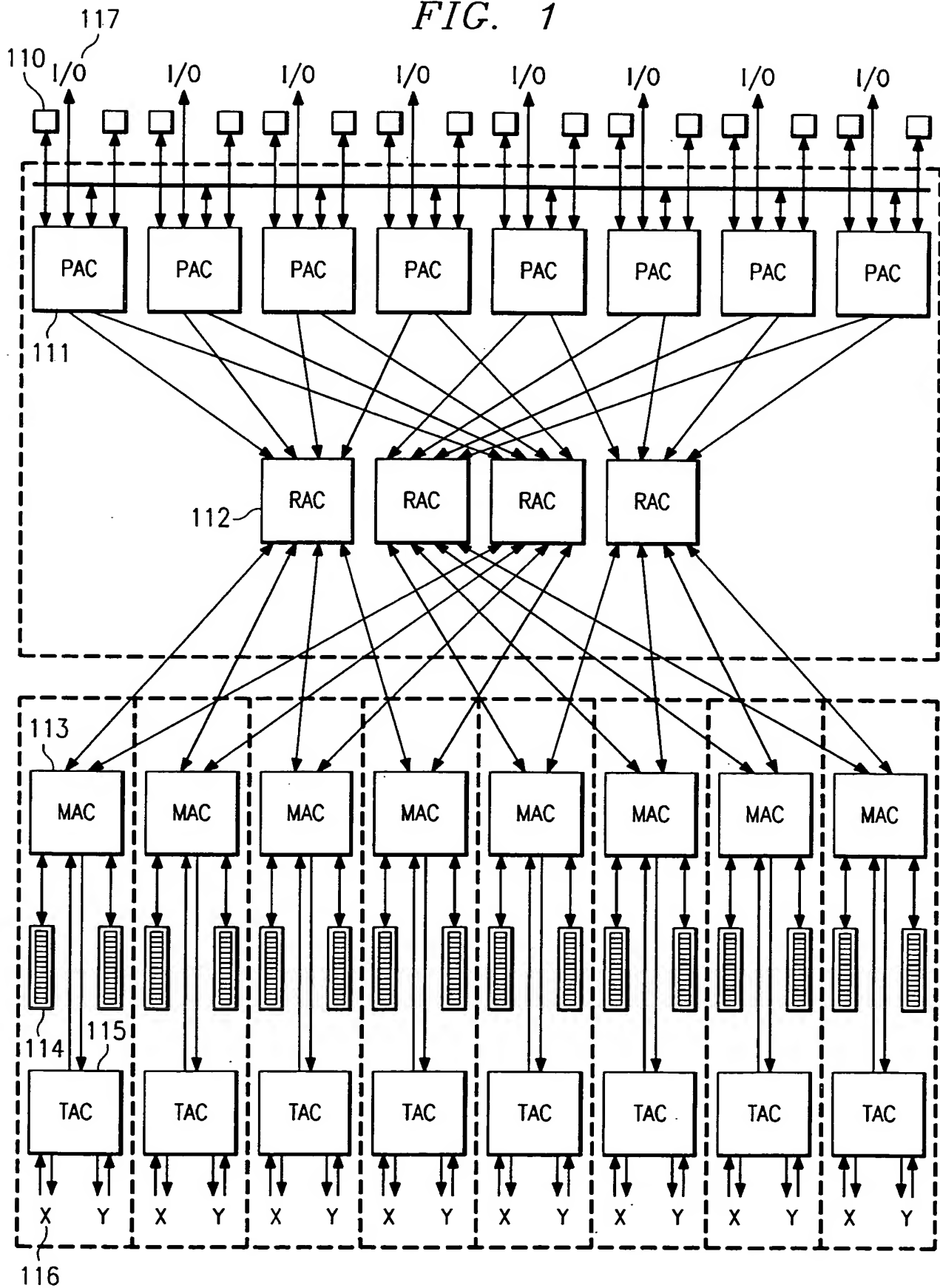
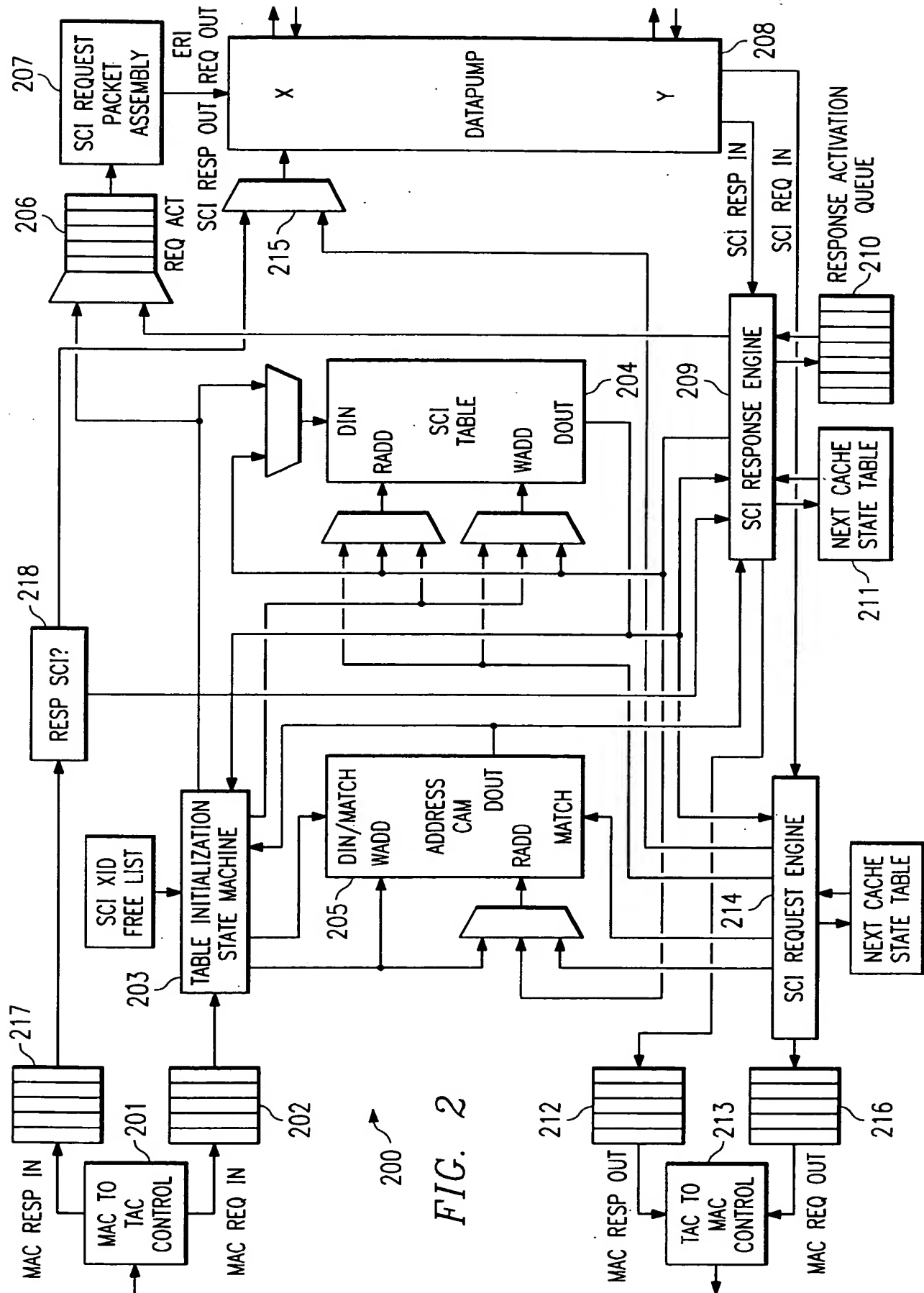


FIG. 1





USING LOCAL STORAGE TO HANDLE MULTIPLE  
OUTSTANDING REQUESTS IN A SCI SYSTEM

Bryan Hornung et al.

Attorney Docket No. 10961397-4

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300	FIELD	BITS	DESCRIPTION
301	TABLE_STATE[0:2]	0:2	TABLE ENTRY STATE
			0x0 UNUSED
			0x1 QUEUED
			0x2 WAITING
			0x3 QUEUED WAITING
			0x4 ACTIVE
			0x5 DONE
302	FLOW_TYPE[0:2]	3:5	ERI TRANSACTION TYPE
			0x0 READ SHARED
			0x1 READ PRIVATE
			0x2 ROLLOUT/DFLUSH
			0x3 READ CURRENT
			0x4 WRITE PURGE
			0x5 GLOBAL FLUSH
			0x6 INCREMENT UPDATE 0x7 NON-COHERENT
303	MASTER_ID[0:5]	6:11	TRANSACTION MASTER(FROM CROSSBAR)
304	TRANSACTION_ID[0:5]	12:17	TRANSACTION ID(FROM CROSSBAR)
305	CSTATE[0:5]	18:23	TRANSIENT ERI CACHE STATE
306	CFORW[0:6]	24:30	ERI CACHE FORWARD POINTER
307	CBACK[0:6]	31:37	ERI CACHE BACKWARD POINTER
308	SHARED_PHASE	38	PHASE OF THE SHARING LIST (FOR INCREMENT UPDATE)
309	T[0:1]	39:40	ADDRESS TYPE
			0 COHERENT SPACE
			3 NON-COHERENT SPACE
310	NEXT[0:4]	41:45	NEXT CHAINED ENTRY
311	WEAK	46	WEAK ORDERED FLOW
312	MAGIC	47	MARKS A ROLLOUT AS DFLUSH
			RETURN OWNERSHIP ONLY(READ PRIVATE OR INCREMENT UPDATE)
313	ROLLOUT_PHASE	48:49	USED TO RESOLVE ROLLOUT- INCREMENT_UPDATE COLLISIONS

FIG. 3